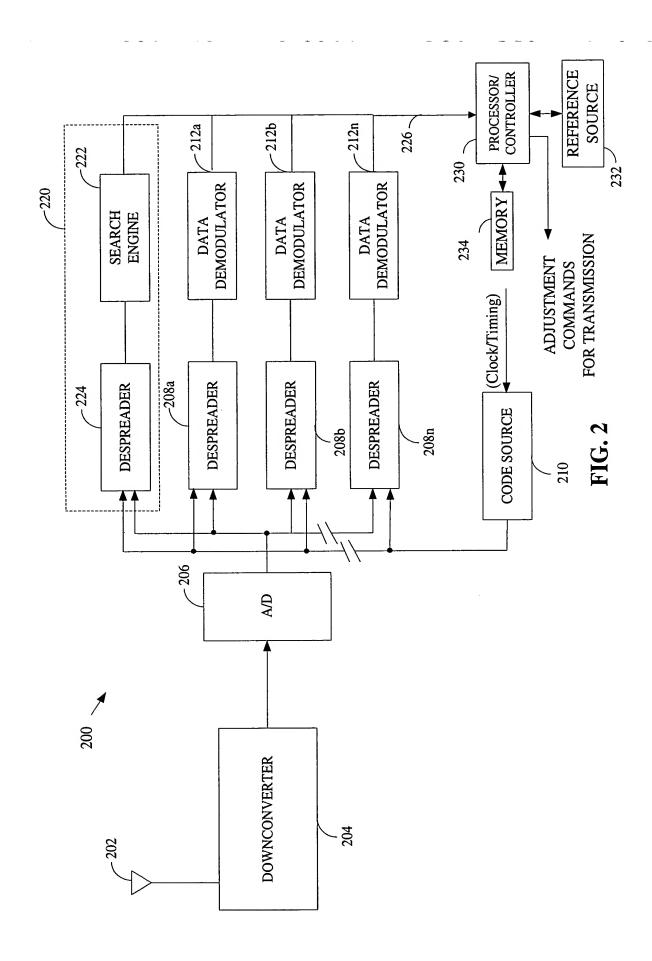
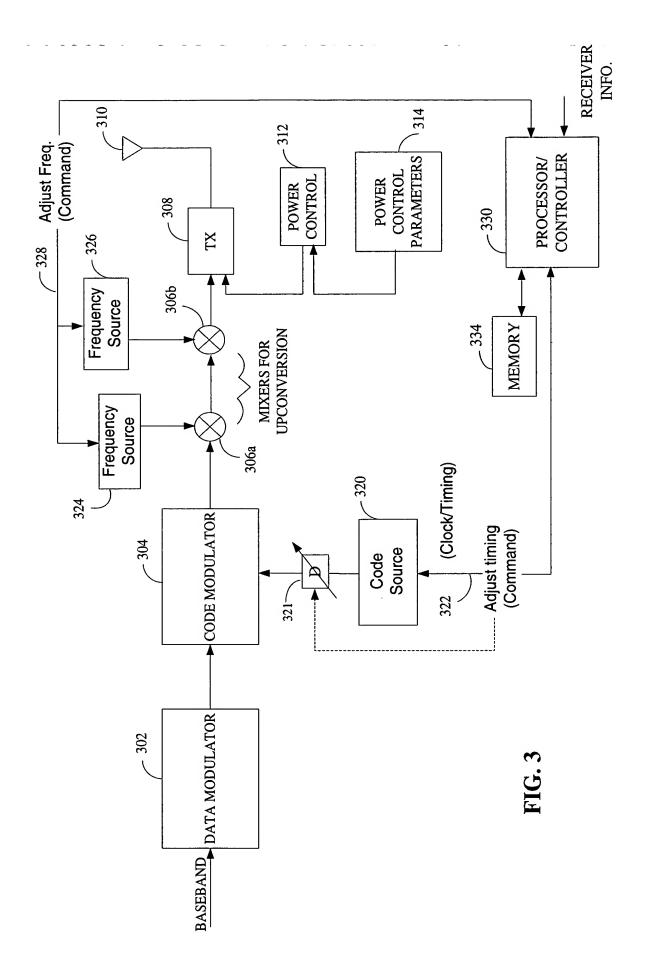


FIG. 1





402

RECEIVING, AT THE GATEWAY, A SECOND PILOT FROM AN ACCESS TERMINAL

404

DETERMINING, AT THE GATEWAY, A RECEIVED SIGNAL STRENGTH OR OTHER CHARACTERISTIC OF RECEIVED SIGNALS

406

DETERMINING, AT THE GATEWAY, A TIMING OFFSET OF THE RECEIVED PILOT SIGNAL

DETERMINING, AT THE GATEWAY, A FREQUENCY OFFSET OF THE RECEIVED PILOT SIGNAL

408

TRANSMITTING, TO THE TERMINAL, A TRANSMIT TIME ADJUSTMENT INSTRUCTION (TIMING, FREQUENCY)

FIG. 4

|   | 502              |
|---|------------------|
| TRANSMITTING FIRST PILOT SIGNAL IN FORWARD DIRECTION        |                  |
|   | <b>504</b>       |
|   |                  |
| RECEIVING FIRST PILOT SIGNAL AT TERMINAL                    |                  |
|   | <sub>1</sub> 506 |
| DERIVING TERMINAL TRANSMIT PARAMETER                        |                  |
|   |                  |
|   | <u> 7508</u>     |
| TRANSMITTING SECOND PILOT SIGNAL IN REVERSE DIRECTION       |                  |
|   |                  |
|   | /510             |
| COMPARING SECOND PILOT SIGNAL TO A REVERSE LINK REFERENCE S | IGNAL            |
|   |                  |
|   | /512             |
| TRANSMITTING CONTROL SIGNAL BASED ON COMPARISON             |                  |
|   | 514              |
|   | /514             |
| ADJUSTING TERMINAL TRANSMIT PARAMETERS                      |                  |

FIG. 5

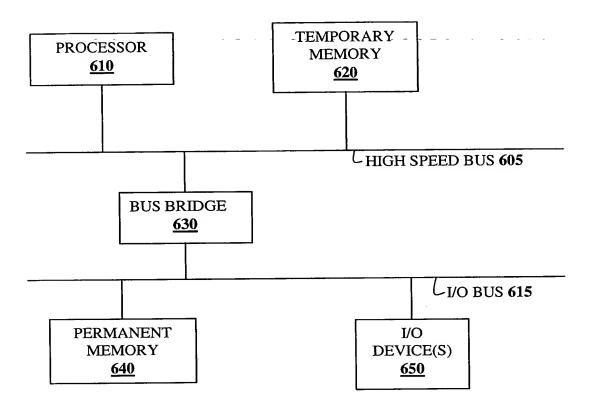


FIG. 6

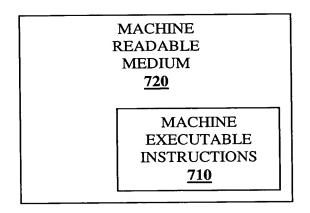


FIG. 7